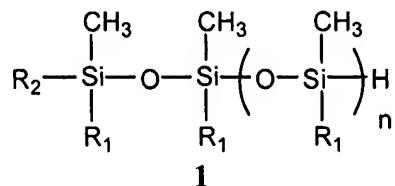


CLAIM AMENDMENTS

1. (Original) A process for preparing an α , ω -functional siloxane compound in a purity of greater than or equal to 90%, said process comprising contacting a monohydrosiloxane compound of formula 1

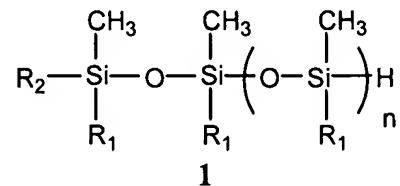


with oxygen in the presence of a platinum group catalyst, without adding water, to form the α , ω -functional siloxane compound in a purity of greater than or equal to 90%;
wherein n is 0, 1, or 2;

R_1 is fluoroethyl, methyl or phenyl; and

R_2 is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

2. (Original) A process for preparing an α , ω -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting essentially of contacting a monohydrosiloxane compound of formula 1

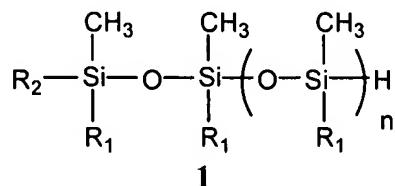


with oxygen in the presence of a platinum group catalyst, without adding water, to form the α , ω -functional siloxane compound in a purity of greater than or equal to 90%;
wherein n is 0, 1, or 2;

R₁ is fluoroethyl, methyl or phenyl; and

R₂ is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

3. (Original) A process for preparing an α , ω -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting of contacting a monohydrosiloxane compound of formula 1



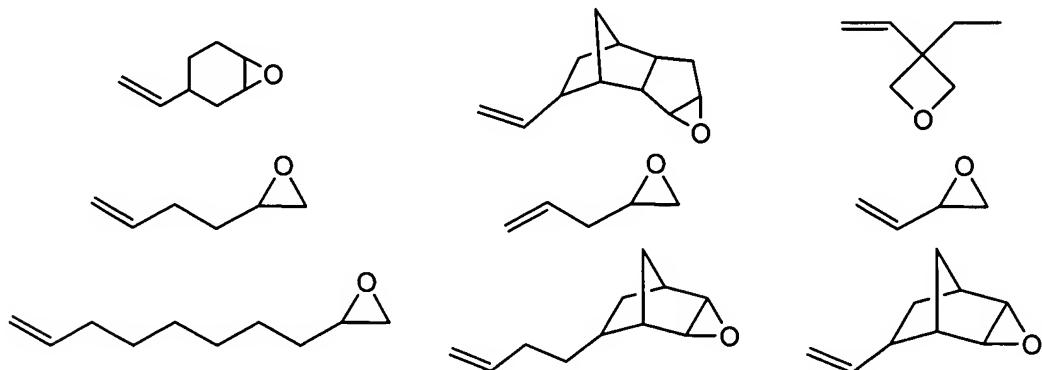
with oxygen in the presence of a platinum group catalyst, without adding water, to form the α , ω -functional siloxane compound in a purity of greater than or equal to 90%;

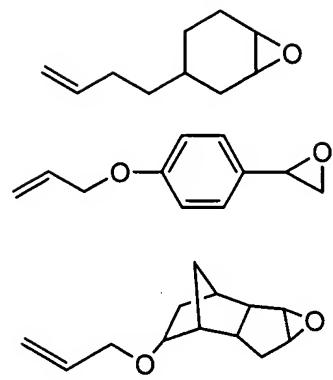
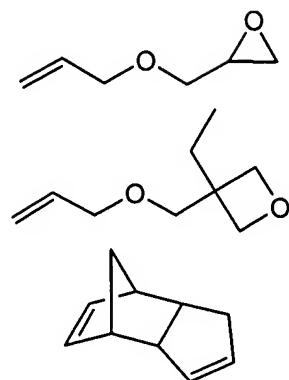
wherein n is 0, 1, or 2;

R₁ is fluoroethyl, methyl or phenyl; and

R₂ is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

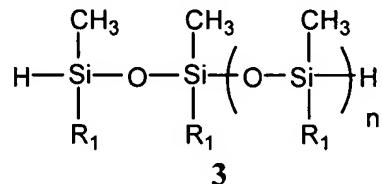
4. (Original) A process according to claim 1, wherein R₂ is a residue derived from a vinyl or allyl compound selected from





and mixtures thereof.

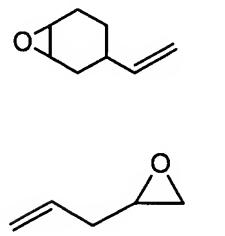
5. (Original) A process according to claim 1, wherein the monohydrosiloxane compound is formed by combining the platinum group catalyst, a vinyl or allyl precursor for R₂ and a dihydrosiloxane compound of formula 3, having a purity of greater than or equal to 90%



wherein R₁ is fluoroethyl, methyl or phenyl.

6. (Original) A process according to claim 1, wherein the dihydrosiloxane compound and the vinyl or allyl compound are present in a 1:1 ratio on a molar basis.

7. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein R₂ is derivable from a vinyl or allyl compound selected from the group consisting of



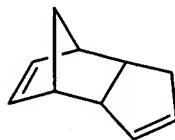
and mixtures thereof.

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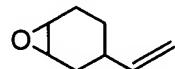
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8. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein the vinyl compound is



9. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], additionally comprising epoxidizing the α , ω -functional siloxane to form an α , ω -epoxysiloxane.

10. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein R₂ is derived from



11. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein R¹ is methyl.

12. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein n is 0.

13. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein n is 1.

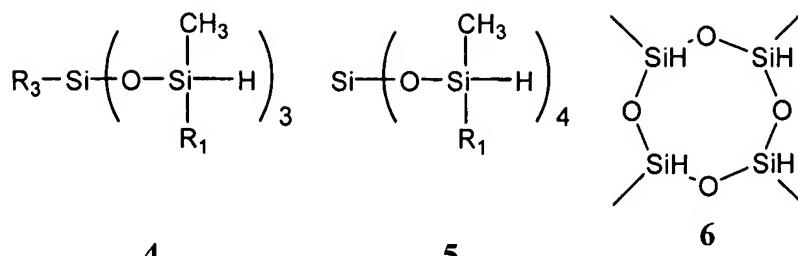
14. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein n is 2.

15. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein the platinum group catalyst is a rhodium compound.

16. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-12]], wherein the metal catalyst is (Ph₃P)₃RhCl.

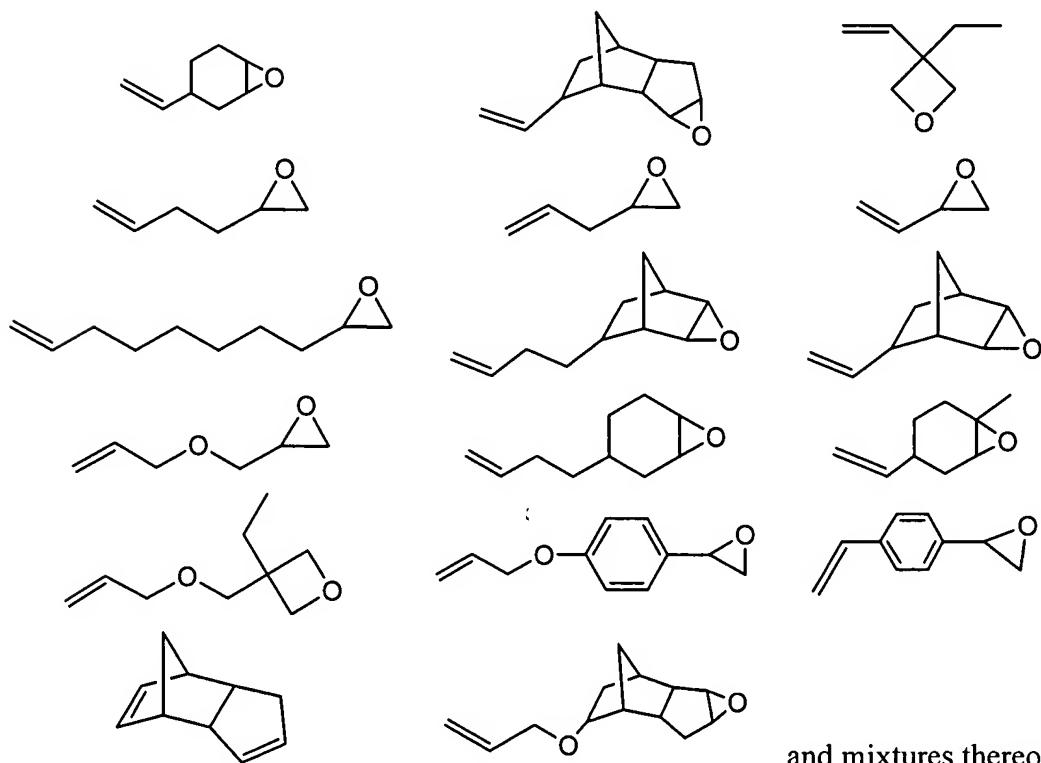
17. (Original) A process for preparing a cationically photopolymerizable siloxane oligomer, said process comprising

- a. combining a platinum group catalyst, a hydrosiloxane compound selected from



and a vinyl or allyl compound comprising cationically photopolymerizable functionality; and
b. contacting the product with oxygen in the presence of the catalyst to form the cationically photopolymerizable multifunctional siloxane oligomer;
wherein R₁ and R₃ are independently fluoroethyl, methyl or phenyl.

18. (Original) A process according to claim 15, wherein the vinyl or allyl compound is selected from



and mixtures thereof.

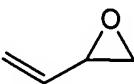
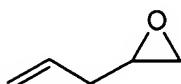
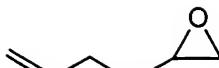
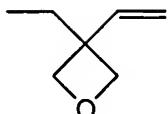
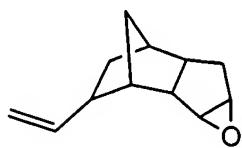
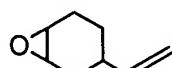
19. (Original) A process according to claim 15, wherein the vinyl or allyl compound is

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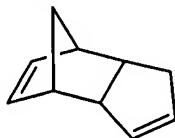
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selected from the group consisting of



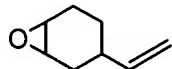
and mixtures thereof.

20. (Original) A process according to claim 15, wherein the vinyl compound is



21. (Original) A process according to claim 18, additionally comprising epoxidizing the α , ω -functional siloxane to form an α , ω -epoxysiloxane.

22. (Original) A process according to claim 15, wherein the vinyl or allyl compound is



23. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-17]], wherein R¹ and R₃ are methyl.

24. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-17]], wherein the platinum group catalyst is a rhodium compound.

25. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-21]], wherein the metal catalyst is (Ph₃P)₃RhCl.